

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Ullas Gargi et al.

Confirmation No.:

Application No.: Unassigned

Examiner: Unassigned

Filing Date: July 16, 2001

Group Art Unit:

Title: Hierarchical Image Feature-Based Visualization



COMMISSIONER FOR PATENTS
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs
- ☐ under 37 CFR 1.97 (d) together with a:
☐ Statement under 37 CFR 1.97(e), and
☐ a petition under 37 CFR 1.97(d)(2), and
☐ a \$180.00 petition fee set forth in 37 CFR 1.17(i).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no.

Date of Deposit

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231.

By _____

Typed Name:

Respectfully submitted,

Ullas Gargi et al.

By 

Patrick C. Keane

Attorney/Agent for Applicant(s)

Reg. No. 32,858

Date: July 16, 2001

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10006286-1

APPLICATION NO.

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APPLICANT

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GROUP

10621 U.S. PTO
09/10/01

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1A				
	1B				
	1C				
	1D				
	1E				
	1F				
	1G				
	1H				
	1I				
	1J				
	1K				

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
	1L						
	1M						
	1N						
	1O						
	1P						

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Greg Pass, "Histogram Refinement for Content-Based Image Retrieval," Computer Science Department, Cornell University, Ithaca, NY 14853, gregpass,redz@cs.cornell.edu, http://www.cs.cornell.edu/home/rdz/refinement.html .
1R	Jing Huang, et al., "Image Indexing Using Color Correlograms," Cornell University, Ithaca, NY 14853.
1S	Hideyuki Tamura, et al., "Textural Features Corresponding to Visual Perception," 1978 IEEE, pp. 460-472.

EXAMINER

Fred E. Huchanya

DATE CONSIDERED

7/26/03

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	2A				
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	2L						
	2M						
	2N						
	2O						
	2P						

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

F ₁	2Q	Raouf F.H. Farag et al., "Quantitative Evaluation of Computer Regenerated Images and Their Use in Storage-Restricted Environments," 1978 IEEE, pp. 473.
F ₂	2R	Christos Faloutsos, et al., "Fast Map: A Fast Algorithm for Indexing, Data-Mining and Visualization of Traditional and Multimedia Datasets," pp. 1-25.
F ₂	2S	Jianchang Mao et al., "Texture Classification and Segmentation Using Multiresolution Simultaneous Autoregressive Models," Pattern Recognition, Vol. 25, No. 2, pp. 173-188, 1992.

EXAMINER

Fred Chickering

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						YES	NO
	3L						
	3M						
	3N						
	3O						
	3P						

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

3Q	Yossi Rubner, "Perceptual Metrics for Image Database Navigation," Computer Science Department of Stanford University, pp. 1-161.
3R	W. Niblack et al., "The QBIC Project: Querying Images By Content Using Color, Texture, and Shape," IBM Research Division, Almaden Research Center, SPIE Vol. 1908 (1993) pp. 173-187.
3S	Michael J. Swain, "Color Indexing," International Journal of Computer Vision, 7.1, 11-32 (1991), pp. 11-32.

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